EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1086	firewall and HTTP and SOAP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 19:59
L2	240	l1 and server same message same firewall	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 19:59
L3	17	l2 and packet same translat$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:00
L4	8	l2 and packet same convert$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:00
L5	10	l2 and packet same transform$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:00
L6	1411	709/200.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:00
L7	10587	709/201-204.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:00
L8	18396	709/217-224.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:01

EAST Search History

L9	12920	709/225-231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:01
L10	5988	709/232-238.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:01
L11	38184	l1 or l2 or l3 or l4 or l5 or l6 or l7 or l8 or l9 or l10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:01
L12	1672	l11 and SOAP and HTTP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:02
L13	1086	l11 and SOAP and HTTP and firewall	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:02
L14	633	l11 and SOAP and HTTP and firewall and translat$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:02
L15	923	719/310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:02
L16	3231	719/311-320.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 20:02

EAST Search History

S1	14	SOAP near5 HTTP near2 packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/10 19:58
S2	112	SOAP near5 HTTP near2 header	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:00
S3	2	SOAP near5 HTTP near2 header near2 strip$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:01
S4	1	SOAP near5 HTTP near2 header near2 remov$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:02
S5	0	SOAP adj nomenclature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:02
S6	0	SOAP near5 nomenclature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:03
S7	34	SOAP same nomenclature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:18
S8	3	S7 and http near5 header	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:03
S9	4	SOAP same nomenclature and HTTP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:14
S10	1	("6970935").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/27 16:14

EAST Search History

S11	212	SOAP and nomenclature and HTTP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:18
S12	38	SOAP and nomenclature and HTTP same header	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 16:18

P⬡RTAL

USPTO

THE ACM DIGITAL LIBRARY

ᴵ᷄ Feedback Report a problem Satisfaction
survey

Terms used **SOAP firewall HTTP packet**   Found **6,696** of **177,263**

Sort results
by   [relevance ▼]   ❤ Save results to a Binder   Try an Advanced Search
                                   ⸮ Search Tips   Try this search in The ACM Guide
Display
results   [expanded form ▼]   ☐ Open results in a new
                                     window

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐⬜◼◼◼

1 DOS protection: Using graphic turing tests to counter automated DDoS attacks   ◼
against web servers
William G. Morein, Angelos Stavrou, Debra L. Cook, Angelos D. Keromytis, Vishal Misra, Dan
Rubenstein
October 2003 **Proceedings of the 10th ACM conference on Computer and
communications security**
Publisher: ACM Press

Full text available: 🔲 pdf(256.83 KB)   Additional Information: full citation, abstract, references, citings, index
terms

We present WebSOS, a novel overlay-based architecture that provides guaranteed access
to a web server that is targeted by a denial of service (DoS) attack. Our approach exploits
two key characteristics of the web environment: its design around a human-centric
interface, and the extensibility inherent in many browsers through downloadable
"applets." We guarantee access to a web server for a large number of *previously unknown*
users, without requiring pre-existing trust relationships between ...

Keywords: Java, graphic turing tests, web proxies

2 Fine grained access control for SOAP E-services   ◼
Ernesto Damiani, Sabrina De Capitani di Vimercati, Stefano Paraboschi, Pierangela Samarati
April 2001 **Proceedings of the 10th international conference on World Wide Web**
Publisher: ACM Press
Full text available: 🔲 pdf(258.34 KB)   Additional Information: full citation, references, citings, index terms

Keywords: SOAP, XML, access control, certificates, roles

3 How clean is the future of SOAP?   ◼
Conan C. Albrecht
February 2004 **Communications of the ACM**, Volume 47 Issue 2
Publisher: ACM Press
Full text available: 🔲 pdf(76.14 KB)
                    🔲 html(16.40 KB)   Additional Information: full citation, abstract, references, index terms

If developers are not wise with its application, SOAP may lose the ability to tunnel
through firewalls---an ability that represents one of its primary advantages.

4 Pedagogy: eCommerce security

Bob Gehling, David Stankard
September 2005 **Proceedings of the 2nd annual conference on Information security curriculum development InfoSecCD '05**
Publisher: ACM Press
Full text available: pdf(95.37 KB)   Additional Information: full citation, abstract, references, index terms

Internet security has become a consistent and growing problem as new Internet-based technologies and applications are developed. The number of security violation related incidents continues to increase [6]. A reported incident can be as simple as a single computer being compromised or as severe as a complete network compromise involving hundreds of client computers. All Internet content you read, send, and receive carries a risk. The amount of security risks increases at the same time that depen ...

Keywords: eCommerce, security, security awareness

5 Technical correspondence: Java RMI, RMI tunneling and Web services comparison and performance analysis
Matjaz B. Juric, Bostjan Kezmah, Marjan Hericko, Ivan Rozman, Ivan Vezocnik
May 2004 **ACM SIGPLAN Notices**, Volume 39 Issue 5
Publisher: ACM Press
Full text available: pdf(1.38 MB)   Additional Information: full citation, abstract, references

This article compares different approaches for developing Java distributed applications which have to communicate through firewalls and proxies, including RMI over open ports, HTTP-to-port, HTTP-to-CGI, HTTP-to-servlet tunneling and web services. A functional comparison of approaches has been done, as well as a detailed performance analysis with overhead analysis and identification of optimizations. Therefore the paper contributes to the overall understanding of different approaches for developi ...

Keywords: RMI, SOAP, performance, tunneling, web services

6 Session 2: secure Web services: Designing a distributed access control processor for network services on the Web
Reiner Kraft
November 2002 **Proceedings of the 2002 ACM workshop on XML security**
Publisher: ACM Press
Full text available: pdf(301.14 KB)   Additional Information: full citation, abstract, references, index terms

The service oriented architecture (SOA) is gaining more momentum with the advent of network services on the Web. A programmable and machine accessible Web is the vision of many,and might represent a step towards the semantic Web. However, security is a crucial requirement for the serious usage and adoption of the Web services technology. This paper enumerates design goals for an access control model for Web services. It then introduces an abstract general model for Web services components, along ...

Keywords: Web services, XML, access control, security

7 Toward Flexible Messaging for SOAP-Based Services
Geoffrey Fox, Shrideep Pallickara, Savas Parastatidis
November 2004 **Proceedings of the 2004 ACM/IEEE conference on Supercomputing**
Publisher: IEEE Computer Society
Full text available: pdf(247.58 KB)   Additional Information: full citation, abstract

NaradaBrokering provides a messaging abstraction that allows it to provide message-related capabilities in a transparent fashion. These capabilities include message-based security, time and causal ordering, compression, virtualization of transport protocol and addressing, and fault tolerance related functionalities. NaradaBrokering ¿ combined with further extensions to its existing capabilities ¿ can also take advantage of the maturing of

Web Service specifications to build very powerful general ...

Keywords: Performance, Design, Reliability, Distributed middleware, Grid computing, Web Services, service oriented architectures

8 At the Forge: Introducing SOAP

Reuven M. Lerner
March 2001 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available: html(25.12 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

9 Student papers: Securing XML data

Jessica Heasley
October 2004 **Proceedings of the 1st annual conference on Information security curriculum development**

Publisher: ACM Press

Full text available: pdf(50.73 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

XML is becoming one of the most important and widely used data formats. XML data in transit over the Internet as well as the data residing on servers must be assessed for XML associated security vulnerabilities and be properly secured from malicious XML specific attacks. There are several options in implementing XML security devices such as firewalls. Users need to understand how XML relates and interacts with Internet applications.

Keywords: XML, firewall

10 Embedded systems: applications, solutions and techniques (EMBS): Code generation techniques for developing light-weight XML Web services for embedded devices

Robert van Engelen
March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

Publisher: ACM Press

Full text available: pdf(404.19 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>

This paper presents specialized code generation techniques and runtime optimizations for developing light-weight XML Web services for embedded devices. The optimizations are implemented in the gSOAP Web services development environment for C and C++. The system supports the industry-standard XML-based Web services protocols that are intended to deliver universal access to any networked application that supports XML. With the standardization of the Web services protocols and the availability of t ...

Keywords: Web Services, XML, embedded systems, networking

11 Applications: YouServ: a web-hosting and content sharing tool for the masses

Roberto J. Bayardo Jr., Rakesh Agrawal, Daniel Gruhl, Amit Somani
May 2002 **Proceedings of the 11th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(238.48 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

YouServ is a system that allows its users to pool existing desktop computing resources for *high availability* web hosting and file sharing. By exploiting standard web and internet protocols (e.g. HTTP and DNS), YouServ does not require those who access YouServ-published content to install special purpose software. Because it requires minimal server-side resources and administration, YouServ can be provided at a very low cost. We

describe the design, implementation, and a successful intrane ...

Keywords: decentralized systems, p2p, peer-to-peer networks, web hosting

12 Content-triggered trust negotiation

Adam Hess, Jason Holt, Jared Jacobson, Kent E. Seamons
August 2004 **ACM Transactions on Information and System Security (TISSEC)**, Volume 7 Issue 3
Publisher: ACM Press
Full text available: pdf(815.36 KB)   Additional Information: full citation, abstract, references, index terms

The focus of access control in client/server environments is on protecting sensitive server resources by determining whether or not a client is authorized to access those resources. The set of resources is usually static, and an access control policy associated with each resource specifies who is authorized to access the resource. In this article, we turn the traditional client/server access control model on its head and address how to protect the sensitive content that clients disclose to and r ...

Keywords: Trust negotiation, access control, authentication, credentials

13 Computer security: theory, process and management

George Whitson
June 2003 **Journal of Computing Sciences in Colleges**, Volume 18 Issue 6
Publisher: Consortium for Computing Sciences in Colleges
Full text available: pdf(134.71 KB)   Additional Information: full citation, abstract, references, index terms

The Internet backbone servers were attacked and Web traffic slowed for a few hours, the Nimbda worm used Microsoft Web servers to infect all those downloading Web pages until appropriate patches were applied and credit card information is stolen every day. These are just some well known examples of breaches in computer security, but it is difficult to define computer security. Even when you get a good dictionary definition it is difficult to give a systematic description of the entire field. Thi ...

14 SCL: a language for security testing of network applications

Sylvain Marquis, Thomas R. Dean, Scott Knight
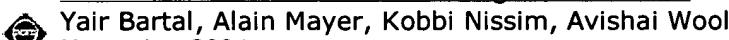October 2005 **Proceedings of the 2005 conference of the Centre for Advanced Studies on Collaborative research CASCON '05**
Publisher: IBM Press
Full text available: pdf(226.83 KB)   Additional Information: full citation, abstract, references, index terms

Security of network applications has become increasingly important in the past several years. Syntax-based testing is a black box, data driven testing technique, for applications for which input can be described formally. SCL is a component of Protocol Tester, a project at RMC and Queen's, that uses syntax-based testing to evaluate the security of network applications. As a language, SCL can describe the syntax and the semantic constraints of a given protocol, constraints that pertain to the tes ...

15 Technical papers: software process: Using process technology to control and coordinate software adaptation

Giuseppe Valetto, Gail Kaiser
May 2003 **Proceedings of the 25th International Conference on Software Engineering**
Publisher: IEEE Computer Society
Full text available: pdf(1.30 MB)   Additional Information: full citation, abstract, references, citings, index
Publisher Site   terms

We have developed an infrastructure for end-to-end run-time monitoring, behavior/performance analysis, and dynamic adaptation of distributed software. This

infrastructure is primarily targeted to pre-existing systems and thus operates
<u>outside</u> the target application, without making assumptions about the target's
implementation, internal communication/computation mechanisms, source code
availability, etc. This paper assumes the existence of the monitoring and analysis
components ...

16 IP lookup and packet classification: Network processor acceleration for a Linux*
netfilter firewall
Kristen Accardi, Tony Bock, Frank Hady, Jon Krueger
October 2005 **Proceedings of the 2005 symposium on Architecture for networking
and communications systems ANCS '05**
Publisher: ACM Press
Full text available: pdf(485.59 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Network firewalls occupy a central role in computer security, protecting data, compute,
and networking resources while still allowing useful packets to flow. Increases in both the
work per network packet and packet rate make it increasingly difficult for general-purpose
processor based firewalls to maintain line rate. In a bid to address these evolving
requirements we have prototyped a hybrid firewall, using a simple firewall running on a
network processor to accelerate a Linux* Netfilter Firewa ...

Keywords: hybrid firewall, netfilter, network firewall, network processor, prototype,
throughput

17 *Firmato*: A novel firewall management toolkit
Yair Bartal, Alain Mayer, Kobbi Nissim, Avishai Wool
November 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 4
Publisher: ACM Press
Full text available: pdf(917.80 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In recent years packet-filtering firewalls have seen some impressive technological
advances (e.g., stateful inspection, transparency, performance, etc.) and wide-spread
deployment. In contrast, firewall and security <i>management</i> technology is lacking.
In this paper we present <i>Firmato</i>, a firewall management toolkit, with the
following distinguishing properties and components: (1) an entity-relationship model
containing, in a unified form, global knowledge of the sec ...

Keywords: Security policy, firewall, management, model definition language,
visualization

18 Design of a high-performance ATM firewall
Jun Xu, Mukesh Singhal
August 1999 **ACM Transactions on Information and System Security (TISSEC)**, Volume 2
Issue 3
Publisher: ACM Press
Full text available: pdf(143.19 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

A router-based packet-filtering firewall is an effective way of protecting an enterprise
network from unauthorized access. However, it will not work efficiently in an ATM network
because it requires the termination of end-to-end ATM connections at a packet-filtering
router, which incurs huge overhead of SAR (Segmentation and Reassembly). Very few
approaches to this problem have been proposed in the literature, and none is completely
satisfactory. In this paper we present the hardware desig ...

Keywords: TCP/IP, asynchronous transfer mode, firewall, packet filtering, switch
architecture

19

Internet security: firewalls and beyond
Rolf Oppliger
May 1997 **Communications of the ACM**, Volume 40 Issue 5

Publisher: ACM Press

Full text available: pdf(339.15 KB)   Additional Information: full citation, references, citings, index terms, review

20 ### Design of a high-performance ATM firewall
Jun Xu, Mukesh Singhal
November 1998 **Proceedings of the 5th ACM conference on Computer and communications security**

Publisher: ACM Press

Full text available: pdf(1.27 MB)   Additional Information: full citation, references, index terms

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next

IEEE Xplore RELEASE 2.1

Welcome United States Patent and Trademark Office

□ **Search Results**

BROWSE   SEARCH   IEEE XPLORE GUIDE   SUPPORT

Results for "((soap <in>metadata) <and> (firewall <in>metadata))<and> (http<in&..."
Your search matched **0** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

✉ e-mail 🖨 printer friendly

» Search Options

View Session History

New Search

Modify Search

((soap <in>metadata) <and> (firewall <in>metadata))<and> (http<in>metadata)   [Search ➤]

◼ Check to search only within this results set

Display Format: ⊙ Citation   ◉ Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.

Indexed by
Inspec

Google

Web   Images   Groups   News   Froogle   Maps   **more »**

| SOAP firewall HTTP packet translate | **Search** | Advanced Search |
| | | Preferences |

Web

Results **1** - **10** of about **93,500** for **SOAP firewall HTTP packet translate**. (0.32 seconds)

RFC's
RFC3288: Using the Simple Object Access Protocol (**SOAP**) in Blocks Extensible ...
RFC1552: The PPP Internetworking **Packet** Exchange Control Protocol (IPXCP). ...
coders.meta.net.nz/~perry/rfc/keyword.html - 977k - Cached - Similar pages

Title Index
... Definitions of Managed Objects for Circuit to Interface **Translation** ... General Switch
Management Protocol (GSMP) **Packet** Encapsulations for Asynchronous ...
dret.net/rfc-index/titles - Similar pages

Firewall Evolution - Deep Packet Inspection
Cisco's PIX fixup commands provide for some Deep **Packet** Inspection capabilities in
the PIX **firewall**. For example, the command: fixup protocol **http** causes ...
www.securityfocus.com/infocus/1716 - 23k - Cached - Similar pages

The XML Cover Pages: SOAP
The **SOAP** specification mandates a small number of **HTTP** headers that ... Many **firewall**
solutions employ a combination of **packet** filtering and network address ...
xml.coverpages.org/**soap**.html - 262k - Cached - Similar pages

[PDF] FireWall-1
File Format: PDF/Adobe Acrobat - View as HTML
Translation (NAT). **FireWall**-1 leverages SMART Management, enabling you to ... **firewall**
to inspect **SOAP**/XML, and capable of terminating ...
www.checkpoint.com/products/ downloads/**firewall**-1_datasheet.pdf - Similar pages

[PDF] Nortel and DataPower
File Format: PDF/Adobe Acrobat - View as HTML
HTTP tunnelling bypasses. the **firewall**, by design. **SOAP** request. XML **Firewall** ... Existing
packet-based infrastructure clogged and not XML-aware, cannot ...
www.nortel.com/corporate/events/2005c/
security_partnerdatapowereseminar/collateral/aug_9.pdf - Similar pages

Windows XP Technical Overview
Internet Connection **Firewall** is a dynamic **packet** filter. ... To accomplish this, the **firewall**
uses the logic of the Network Address **Translator** (NAT) to ...
www.microsoft.com/technet/prodtechnol/ winxppro/evaluate/xptechov.mspx - 91k -
Cached - Similar pages

firewall: Information From Answers.com
packet filter A software routine that analyzes incoming data packets and ... **Firewall** White
papers - White papers on Web Services XML/**SOAP** and CORBA IIOP ...
www.answers.com/topic/**packet**-filter - 54k - Cached - Similar pages

[PDF] NISCC Good Practice Guide on Firewall Deployment for SCADA and ...
File Format: PDF/Adobe Acrobat - View as HTML
A **firewall**, upon receiving a **packet**, analyses these characteristics, ... Network Address
Translation (NAT) where a set of IP addresses used on one side of ...
www.niscc.gov.uk/niscc/docs/re-20050223-00157.pdf - Similar pages

Firewalling Web Services
Web service requests are sent as **HTTP** requests with content as a **SOAP** ... [26] Robert
Zalenski, **Firewall** Technology, IEEE Potentials, IEEE, Feb/Mar 2002 ...
jan.netcomp.monash.edu.au/**firewall**/paper.html - 20k - Cached - Similar pages

Goooooooooogle ▶

Result Page: 1 2 3 4 5 6 7 8 9 10   **Next**

Free! Speed up the web. Download the Google Web Accelerator.

| SOAP firewall HTTP packet translate | Search |

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2006 Google